



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Confirmation No.: 1824

Tetsuya SATOU et al.

Serial No. 10/718,554

Group Art Unit: 1774

Filed: November 24, 2003

Examiner: Marie Rose Yamnitzky

For: THIN FILM EL DEVICE

TERMINAL DISCLAIMER

Commissioner for Patents
P. O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

Your petitioner, MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., a corporation residing at 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501, JAPAN, represents that it is the sole assignee of the entire right, title and interest in U.S. Patent Application Serial No. 10/718,554, filed November 24, 2003, as evidenced by an assignment from the inventors of the above-identified patent application. That assignment document (copy attached) was recorded in the USPTO on August 17, 2001, at Reel 012261, Frames 0271 (the Assignment was recorded in parent application Serial No. 09/913,644, filed August 17, 2001, now U.S. Patent 6,682,832 B2). Your petitioner,

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., hereby disclaims the terminal part of any patent granted on the above-identified application, which would extend beyond the expiration date of petitioner's commonly owned U.S. Patent 6,682,832 B2, sole ownership of which by petitioner, as evidenced by assignment recorded in the USPTO on August 17, 2001, at Reel 012261, Frame 0271, and hereby agrees that any patent so granted on the above-identified application shall be enforceable only for and during such period that the legal title to said patent shall be the same as the legal title to U.S. Patent 6,682,832 B2, this agreement to run with any patent granted on the above-identified application and to be binding upon the grantee, its successors or assigns.

In making the above disclaimer, petitioner does not disclaim the terminal part of any patent granted on the above-identified application that would extend to the expiration date of the full statutory term as defined in 35 U.S.C. 154 to 156 and 173 of the prior patent, as presently shortened by any terminal disclaimer, in the event that it later: expires for failure to pay a maintenance fee, is held unenforceable, is found invalid by a court of competent jurisdiction, is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321, has all claims cancelled

by a reexamination certificate, is reissued, or is in any manner terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

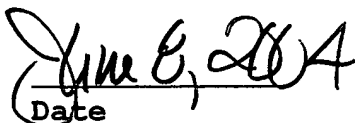
The undersigned is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Respectfully submitted,

By:


Charles A. Wendel
Registration No. 24,453
Attorney of Record for Assignee


Date

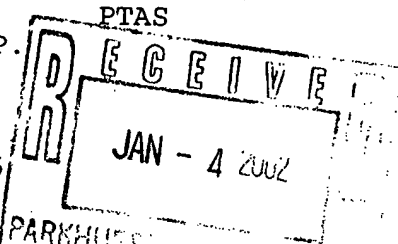


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DECEMBER 28, 2001

Chief Financial Officer and Chief Administrative Officer
Washington, DC 20231
www.uspto.gov

PARKHURST & WENDEL, L.L.P.
ROGER W. PARKHURST
1421 PRINCE STREET
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ALEXANDRIA, VA 22314-2805



101882652A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/17/2001

REEL/FRAME: 012261/0271
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

SATOU, TETSUYA

DOC DATE: 06/26/2001

ASSIGNOR:

MATSUO, MIKIKO

DOC DATE: 06/26/2001

ASSIGNOR:

SUGIURA, HISANORI

DOC DATE: 06/27/2001

ASSIGNOR:

HISADA, HITOSHI

DOC DATE: 07/02/2001

ASSIGNOR:

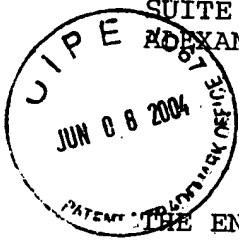
SHINGAE, RYUICHI

DOC DATE: 07/04/2001

ASSIGNOR:

MURAKAMI, YOSHINOBU

DOC DATE: 07/10/2001



012261/0271 PAGE 2

ASSIGNEE:

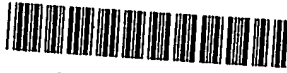
MATSUSHITA ELECTRIC INDUSTRIAL
CO., LTD.
1005, OAZA KADOMA
KADOMA-SHI
OSAKA 571-8501, JAPAN

SERIAL NUMBER: 09913644
PATENT NUMBER:

FILING DATE: 08/17/2001
ISSUE DATE:

PAULA MCCRAY, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

10-23-2001



101882652

08/17/01

09/913644
518 Rec'd PCT/PTO 17 AUG 2001

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Tetsuya SATOU et al.

Serial No.: New Application

Filed: August 17, 2001

For: THIN FILM EL DEVICE

09/913644

ASSIGNMENT TRANSMITTAL LETTER

Honorable Commissioner of
Patents and Trademarks
Washington, D.C. 20231

Sir:

Please record the attached Assignment in the name of the assignor and the assignee as indicated below and return the original document to the undersigned.

1. Submission Type:

Conveyance Type:

☒ New
☐ Resubmission (Non-Recordation)
Document ID# _____
☐ Correction of PTO Error
Reel # _____ Frame # _____
☐ Corrective Document
Reel # _____ Frame # _____

☒ Assignment
☐ Security Agreement
☐ License
☐ Change of Name
☐ Merger
☐ Other

08/21/2001 NKAYPAGH 00000059 09913644

01 FC:581

40.00 DP

AD 581.40

2. Name of Conveying Party(ies):

Tetsuya SATOU; Mikiko MATSUO; Hisanori SUGIURA;
Hitoshi HISADA; Ryuichi SHINGAE; Yoshinobu MURAKAMI.

3. Name and Address of Receiving Party(ies):

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
1006, Oaza Kadoma
Kadoma-shi, Osaka 571-8501
JAPAN.

4. Execution Date of Assignment: June 26, 27, July 2, 4 and 10, 2001.5. If this Assignment is being filed together with a new application, the execution date of the application is: June 26, 27, July 2, 4 and 10, 2001.6. Total number of applications and patents involved: 1.

All correspondence should be addressed to:

Roger W. Parkhurst
PARKHURST & WENDEL, L.L.P.
Suite 210
1421 Prince Street
Alexandria, VA 22314-2805.

The Assignment recordation fee (\$40.00) is covered by our
attached Check Number 14374.


To the best of my knowledge and belief, the foregoing
information is true and correct and any attached copy is a true
copy of the original document. Total number of pages including
cover sheet, attachments and document 4.

If there should be any questions concerning the amount of the fee or should our check become detached, please debit or credit our Deposit Account Number 16-0331 as needed in order to effect proper filing of the attached document.

Respectfully submitted,

PARKHURST & WENDEL, L.L.P.

August 17, 2001
Date



Roger W. Parkhurst
Registration No. 25,177

Attorney Docket No. OGOH:089

PARKHURST & WENDEL, L.L.P.
1421 Prince Street, Suite 210
Alexandria, Virginia 22314-2805
Telephone: (703) 739-0220

ASSIGNMENT

(1-8) Insert Name(s) of Inventor(s)

(1) Tetsuya SATOU	(5) Ryuichi SHINGAE
(2) Mikiko MATSUO	(6) Yoshinobu MURAKAMI
(3) Hisanori SUGIURA	(7) _____
(4) Hitoshi HISADA	(8) _____

In consideration of the sum of dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(9) Insert name of Assignee (9) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
 (10) Insert address of Assignee (10) 1006, Oaza-Kadoma, Kadoma-shi, Osaka 571-8501 JAPAN

(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention, and all applications for patent and any Letters Patent which may be granted therefor, known as

(11) Insert Identification of Invention, such as Title, Case Number or Foreign Application Number (11) THIN FILM EL DEVICE
 (Case No. _____ OGOH:089)

for which the undersigned has (have) executed an application for patent in the United States of America

(12) Insert Date of Signing of Application (12 on June 26, 27, July 2, 4 and 10, 2001

(13) Alternative identification for filed applications (13) U.S. application Serial Number _____
 filed August 17, 2001

1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

6) The undersigned hereby grant(s) the firm of PARKHURST & WENDEL, L.L.P. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date <u>26th Jun. 2001</u>	Name of Inventor <u>Tetsuya SATOU</u> (SEAL)
Date <u>26th Jun. 2001</u>	Name of Inventor <u>Mikiko MATSUO</u> (SEAL)
Date <u>27th Jun. 2001</u>	Name of Inventor <u>Hisanori SUGIURA</u> (SEAL)
Date <u>2nd July. 2001</u>	Name of Inventor <u>Hitoshi HISADA</u> (SEAL)
Date <u>4th July. 2001</u>	Name of Inventor <u>Ryuichi SHINGAE</u> (SEAL)
Date <u>10th July 2001</u>	Name of Inventor <u>Yoshinobu MURAKAMI</u> (SEAL)
Date _____	Name of Inventor _____ (SEAL)
Date _____	Name of Inventor _____ (SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. or (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date <u>13th July 2001</u>	Witness <u>Janichi Iroh</u>
Date <u>13th July 2001</u>	Witness <u>Yoshiluo Yokota</u>